

ABSTRACT OF THE DISCLOSURE

A variant of Erysipelothrix rhusiopathiae surface protective antigen SpaA protein or of a shortened form of SpaA (Δ SpaA) in which a portion of SpaA protein is deleted for protection from Erysipelothrix rhusiopathiae infection and a process for preparing the same are provided. Introduction of amino acid substitution at a specific site in the amino acid sequence of SpaA or Δ SpaA protein provides a variant of SpaA or Δ SpaA protein which is immunogenic and is expressed in E. coli as inclusion bodies. The variant of SpaA or Δ SpaA protein of the present invention may easily be recovered and purified since it is expressed in E. coli as inclusion bodies.